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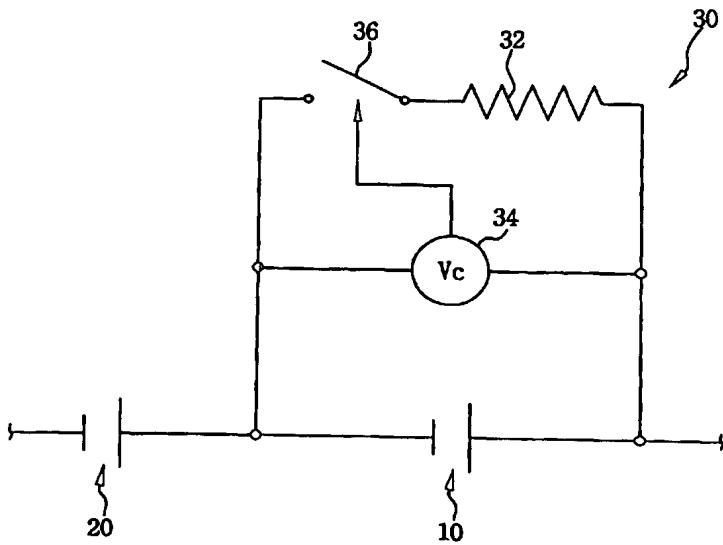
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(54) Title: ELECTRIC ENERGY STORAGE DEVICE AND METHOD OF CHARGING AND DISCHARGING THE SAME



WO 2004/059815 A1

(57) **Abstract:** Disclosed are an electric energy storage device having a good cycle characteristic and a temperature characteristic and a method of charging and discharging the electric energy storage device. The electric energy storage device including a capacitor and a secondary battery combined in series is provided. When the capacitor of the electric energy storage device is an electric double layer capacitor, the capacitor is used to the voltage of OV or less to increase an available energy usage. When this energy storage device is used as a power in a place where a rapid keeping and repairing is difficult such as out in the fields including in the mountain, at the sea, on the road, the cost for keeping and repairing can be largely reduced.